



# Historic Preservation Learning Portal

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A Cooperative Interagency Project  
to Assist Federal Agencies  
in Meeting Their Responsibilities Under the  
National Historic Preservation Act

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*Federal Preservation Institute*



*National Park Service*

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*202-354-6967*



# Federal Preservation Institute

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- ❖ A program of the National Park Service located in Washington, DC
- ❖ Mission: to provide historic preservation information and training to Federal agencies (a statutory responsibility assigned to NPS)
- ❖ Programs:
  - Monthly training meetings in Washington
  - Coordination of multi-agency projects:
    - Historic Preservation briefing folder
    - Training on Native American Consultation
    - Conferences on Protection of Historic Places
  - Assist agencies in developing training courses
  - Historic Preservation Learning Portal







# Why Historic Preservation?

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- ❖ A legal responsibility for every Federal agency
- ❖ National Historic Preservation Act requires every Federal agency to establish a preservation program
- ❖ 40 U.S. laws & Executive Orders about Federal management of historic and cultural places
- ❖ Agencies must be able to evaluate their impacts on historic properties
- ❖ More than 100,000 historic structures and over 300,000 archaeological sites identified on land managed by Federal agencies



# Federal Managers Require Information from Diverse Sources

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## Regulatory Compliance?

- NHPA Section 106
- NEPA
- ARPA
- EO 13287

## Historic Designation?

- National Register
- National Historic Landmark

## Coordination?

- ACHP
- THPOs & SHPOs
- Local govt & citizens

## Scopes of Work?

- Surveys
- Roof repairs
- EM plans

## Public Participation?

- Civic engagement
- Consultation

## Collections Management?

## Interpretation?

- Archival research
- Exhibits

## Staffing and Training?

## Archaeological Research?

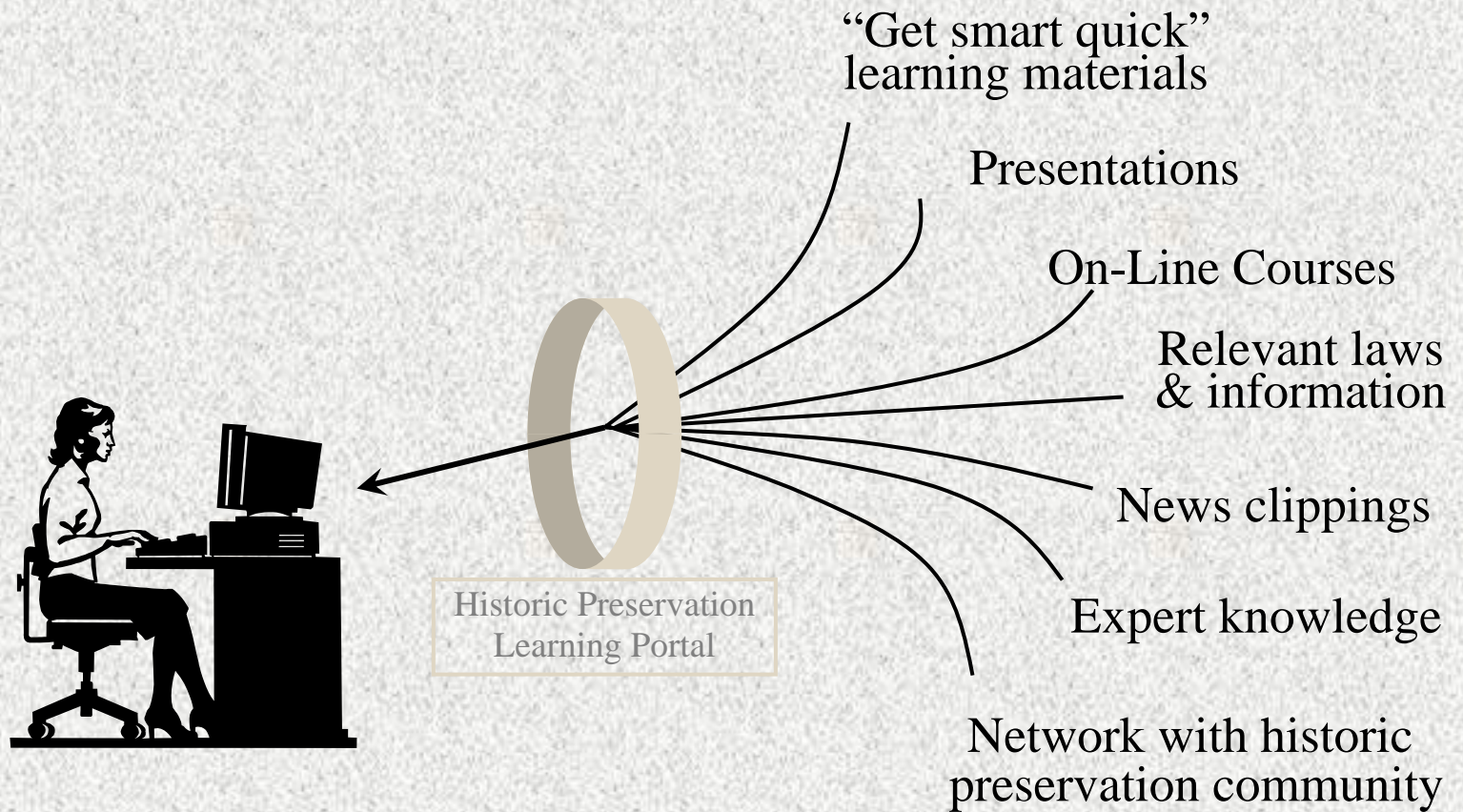
## Cultural Landscapes?

- Heritage Areas
- Sacred Sites





# The Historic Preservation Learning Portal Provides Answers







# Portal Project Objectives

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- ❖ **Transform** how people find information and training to meet requirements under more than 40 federal laws
- ❖ **Include** all Federal agencies in development of the portal
- ❖ **Deliver** updated training and shared information on a continual basis to support on the job learning by over 200,000 federal employees and contractors annually
- ❖ **Accomplish** National Park Service responsibility under National Historic Preservation Act and Executive Order 13287, Preserve America (2003)
- ❖ **Fulfill** the President's Management Agenda for e-government and e-learning







# Portal Project Challenges

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- ❖ Meet user needs – senior executives to field staff
- ❖ Obtain funds to acquire software
  - Portal depends upon funding from all Federal agencies
- ❖ Design Portal for agency experts and beginners
  - SME in cultural resources management (history, archeology, architecture, engineering, planning) = **.5%**
  - Collateral duty assignments (engineers, biologists, environmentalists, lawyers, project managers) = **75.0%**
  - Intermittent users (policy wonks, budget & audit, emergency/disaster staffs, decision makers) = **24.5%**







# Portal is More than a Search Engine

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- ❖ **Concept matching search** — More robust than keyword searching; provides a comprehensive search capability for all sites and 250 formats; can use but does not rely on keyword or metadata tagging
- ❖ **Shares data** — Searches only selected Internet sites and databases; optimizes use of existing websites and databases; no data storage or maintenance
- ❖ **Enables discovery and communication with historic preservation “community of practice”** - Communicates and shares results with people around the world who are managers, subject matter experts, and technical assistants; captures knowledge from “elders”; searches in foreign languages
- ❖ **Portal software has full XML support**







# HP Learning Portal in Action !

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## ❖ Pulls Information for User

- See Next Slides – Screen Prints



# Historic Preservation Learning Portal

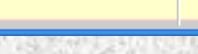
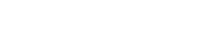
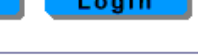
*A Partnership Initiative of the National Park Service  
and Other Federal Agencies*



**FSA** Farm Service  
Agency Online



skip navigation

[New User?](#)[Login](#)[Sign Up](#)[Home](#)

welcome to NPS\_Portal



Retrieval

## Search

query:

cost to repair indiana limestone exterior  
walls in freeze-thaw areas

number of results per page:

15

quality: 60 %

☒ Historic Preservation Sites

☒ Events

☒ Training and Education

☒ Laws

information sources:

☒ Historic Preservation Knowledge Base

☒ News

☐ select all

[Data source information](#)

[Query Help](#)

[Search](#)



Internet

Federal Preservation Institute  National Park Service

~ historic preservation - a responsibility of every federal agency ~




Address [http://64.241.25.104/NPS\\_Portal/user/home/home.jsp#autonomyretrieval\\_1](http://64.241.25.104/NPS_Portal/user/home/home.jsp#autonomyretrieval_1) Go



1 - 15 of 22 results



Previous 1 2 Next



Suggest



Dissatisfied with Search?



- ☐ 80.66% **Free Product Literature** 



 Pavers & Retaining Walls ? Supplier of rock landscaping: pavers & retaining walls; fountains. Brick Pavers ? Supplier of bevel-edged, dry-pressed brick pavers: earth-tone colors; high freeze-thaw resistance. Masonry Restoration ? Masonry restoration, waterproofing & window repair firm.  
[Author: Dorian Henao]  
<http://www.traditional-building.com/a.htm#2>
- ☐ 74.45% **Preservation Brief 26: The Preservation and Repair of Historic Log Buildings** 


 Non-log interior partition walls form the multi-room plan within the exterior log walls. It is susceptible to cracking as a result of freeze-thaw action, structural settlement, drying of the logs, and a thermal expansion-contraction rate that differs from that of the logs.  
<http://www.phlf.com/phlfnews/faq/NPSPolicyBriefs/briefs/brief26.html#Traditional Log Construction>
- ☐ 74.45% **Preservation Brief 26: The Preservation and Repair of Historic Log Buildings** 

 Non-log interior partition walls form the multi-room plan within the exterior log walls. It is susceptible to cracking as a result of freeze-thaw action, structural settlement, drying of the logs, and a thermal expansion-contraction rate that differs from that of the logs.  
<http://www2.cr.nps.gov/tps/briefs/brief26.htm#Traditional Log Construction>
- ☐ 73.80% **Preservation Brief 26: The Preservation and Repair of Historic Log Buildings** 

 Preservation Brief 26: The Preservation and Repair of Historic Log Buildings. Hence, epoxy repairs are most successful in areas where they are protected from moisture. Sometimes larger decayed internal areas of a log can be more easily accessed and repaired from the interior of a structure.  
<http://www.phlf.com/phlfnews/faq/NPSPolicyBriefs/briefs/brief26.html#Log Repair>
- ☐ 70.45% **Preservation Brief 24: Heating, Ventilating, and Cooling Historic Buildings: Problems and Recommended Approaches** 

 As natural vapor pressure moves moisture from a warm area to a colder, dryer area, condensation will occur on or in building materials in the colder area. In cold climates, freeze-thaw damage can result from excessive moisture in external walls.  
<http://www.phlf.com/phlfnews/faq/NPSPolicyBriefs/briefs/brief24.html#Climate Control and Preservation>
- ☐ 70.45% **Preservation Brief 24: Heating, Ventilating, and Cooling Historic Buildings: Problems and Recommended Approaches** 

 As natural vapor pressure moves moisture from a warm area to a colder, dryer area, condensation will occur on or in building materials in the colder area. In cold climates, freeze-thaw damage can result from excessive moisture in external walls.  
<http://www2.cr.nps.gov/tps/briefs/brief24.htm#Climate Control and Preservation>
- ☐ 69.74% **Preservation Brief 30: The Preservation and Repair of Historic Clay Tile Roofs** 

 During freezing weather, ice can build up under tiles and cause breakage during the freeze/thaw cycle. Poor quality porous tiles are particularly susceptible to

Done

Internet





# HP Learning Portal in Action !

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❖ Pulls Information for User

❖ **Saves Searches to Share with Other Users**

- See Next Slide – Screen Print







Address http://64.241.25.104/NPS\_Portal/user/home/home.jsp?page=3

Go

# Historic Preservation Learning Portal

*A Partnership Initiative of the National Park Service  
and Other Federal Agencies*

**FSA** Farm Service Agency Online

skip navigation

U.S. Immigration and Customs Enforcement

[New User?](#)[Logout](#)[Account](#)[Home](#)

welcome constance\_ramirez to NPS\_Portal



Search

HP  
CommunitySaved  
SearchesExpert  
Search

## Saved Searches



### Your Saved Searches

Siding Material (retrained)

Terrorism

Rehabilitation

Section 106 at VA

repair of Indiana limestone

Mining

Historic Properties

what is the definition of

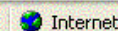
ruts in trails

ruts in trails-2

### Options



Done



Internet

Federal Preservation Institute



National Park Service

~ historic preservation - a responsibility of every federal agency ~





# HP Learning Portal in Action !

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- ❖ Pulls Information for User
- ❖ Saves Searches to Share with Other Users
- ❖ **Brings Community of Practice Together**
  - See Next Slides – Screen Prints







Address http://64.241.25.104/NPS\_Portal/user/home/home.jsp?page=2

[Back to NPS\\_Portal](#)

Go

# Historic Preservation Learning Portal

*A Partnership Initiative of the National Park Service  
and Other Federal Agencies*

**FSA**Farm Service  
Agency Online

skip navigation

U.S. Immigration  
and Customs  
Enforcement

USDA

U.S. Department of Transportation  
Federal Highway Administration[New User?](#)[Logout](#)[Account](#)[Home](#)

welcome constance\_ramirez to NPS\_Portal



Search

HP  
CommunitySaved  
SourcesExpert  
Search

## Similar Saved Searches

Your Search	Similar to	Owned by	Options	
Siding Material				
	Siding Material	haman.patricia	<a href="#">View</a>	<a href="#">Copy</a>
	Siding Material	maryann.nabor	<a href="#">View</a>	<a href="#">Copy</a>
	Siding Material	Linda.Lawson	<a href="#">View</a>	<a href="#">Copy</a>
	Siding Material	laura_illige	<a href="#">View</a>	<a href="#">Copy</a>
	Siding Material	pat_tiller	<a href="#">View</a>	<a href="#">Copy</a>
	Siding Material	david_g_blick	<a href="#">View</a>	<a href="#">Copy</a>
Terrorism				
	Terrorism1	Kathleen_schamel	<a href="#">View</a>	<a href="#">Copy</a>
	Terrorism	haman.patricia	<a href="#">View</a>	<a href="#">Copy</a>
	Terrorism	maryann.nabor	<a href="#">View</a>	<a href="#">Copy</a>
	Terrorism	Linda.Lawson	<a href="#">View</a>	<a href="#">Copy</a>

## People with Similar Interests

Similar people to you in the community:

david_g_blick	★
default	★
haman.patricia	★
john.ketchum	★
laura_illige	★
maryann.nabor	★
pat_tiller	★

Done

Internet

Federal Preservation Institute



National Park Service

~ historic preservation - a responsibility of every federal agency ~

Address [http://64.241.25.104/NPS\\_Portal/user/home/home.jsp#autonomyexpertise\\_1](http://64.241.25.104/NPS_Portal/user/home/home.jsp#autonomyexpertise_1) Go

welcome constance\_ramirez to NPS\_Portal



Search

HP  
CommunitySaved  
SearchesExpert  
Search

## Expert Search

query:

rehabilitation standards

number of results:

6

quality: 0 %

would you like to find people according to their saved searches and/or their interests?

Saved Searches ☒ Interests ☒**Submit**

## Matched Saved Search/Interest

Rehabilitation

Rehabilitation

Rehabilitation

Rehabilitation

Rehabilitation

Rehabilitation

## owned by user

haman.patricia

maryann.nabor

Linda.Lawson

laura\_illige

pat\_tiller

david\_g\_blick

## options

**View** **Copy****View** **Copy****View** **Copy****View** **Copy****View** **Copy****View** **Copy**





# HP Learning Portal in Action !

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- ❖ Pulls Information for User
- ❖ Saves Searches to Share with Other Users
- ❖ Brings Community of Practice Together
- ❖ **Personalizes New Information**
  - See Next Slide – Screen Print





## Search

query:

number of results  
per page:

15

quality: 60 %

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> Historic Preservation Sites                               | <input checked="" type="checkbox"/> Events |
| <input checked="" type="checkbox"/> Training and Education                                    | <input checked="" type="checkbox"/> Laws   |
| information sources: <input checked="" type="checkbox"/> Historic Preservation Knowledge Base | <input checked="" type="checkbox"/> News   |
| <input type="checkbox"/> select all   |  |

[Data source information](#)[Query Help](#)**Search**

## Personalized News Clipping

## Kate's News

**Delete interest****The Secretary of the Interior's Standards for Rehabilitation & Illustrated Guidelines for Rehabilitating Historic Buildings-Roofs**

The Secretary of the Interior's Standards for Rehabilitation & Illustrated Guidelines for Rehabilitating Historic Buildings-Roofs. In the mid-19th century, tile roofs were often replaced by sheet metal, which is lighter and easier to maintain. not recommended.

[\[Similar documents\]](#)**The Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring, and Reconstructing Historic Buildings: Historical Overview of Roofs**

The Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring, and Reconstructing Historic Buildings: Historical Overview of Roofs. detail of historic tile roofing" usemap="#guide\_entrance\_headMap"> The roof--with it...

[\[Similar documents\]](#)**Delete interest****Links to the Past: Historic Buildings and Structures**

Links to the Past: Historic Buildings and Structures. . Links to the "YESs!" (see above) If you're caring for a historic building, this should be of great interest. This popular guide on rehabilitating historic buildings is now available in a user-friendly e-version.

[\[Similar documents\]](#)**Caring for Your Historic Building--The Good Guides, National Park Service**

Caring for Your Historic Building--The Good Guides, National Park Service. Only one treatment should be selected for a project. They are especially useful to preservation tax incentive program applicants because they recommend those methods and approaches for rehabilitating historic buildings tha...

[\[Similar documents\]](#)**Delete interest**





# HP Learning Portal in Action !

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- ❖ Pulls Information for User
- ❖ Saves Searches to Share with Other Users
- ❖ Brings Community of Practice Together
- ❖ Personalizes New Information
- ❖ **Enables Visualization of Data**
  - See Next Slide – Screen Print



Tue, 1 Oct 2002

Autonomy



Home



Channels



Agents



Collaboration



Clustering



Retrieval



Doc Man



Calendar



Mobile



Answer



Extra



Multilingual



Media



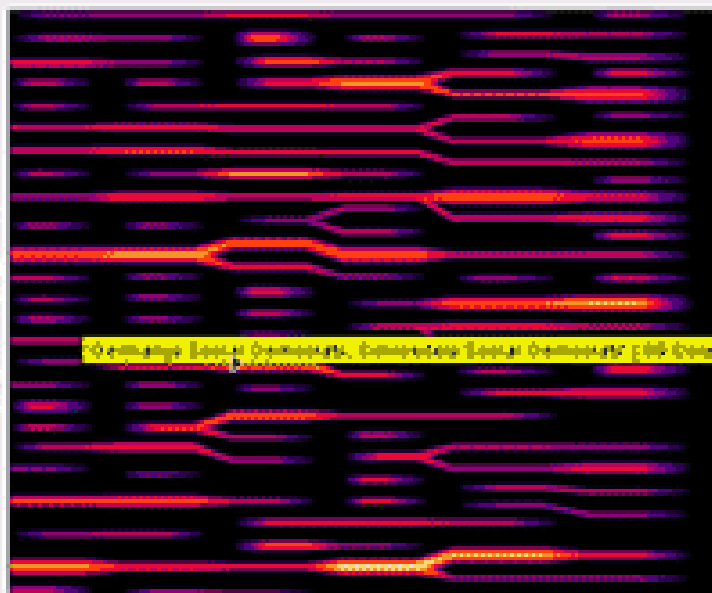
3D Clustering



RealTime

## Clustering

## Spectrograph

C  
L  
U  
S  
T  
E  
R  
S

22 Sep

DATE

27 Sep



## Germany's Social

Name: **Democrats, Schroeders  
Social Democrats**[▶ Create Agent](#)Date: **23 Sep 2002 - 24 Sep  
2002**[▶ Create Channel](#)Docs: **89**

★★★★

**Dax lower on impact of Schröder election  
victory**Dax lower on impact of Schröder election victory By Dave  
Shellock in London Published: September 23 2002 7

★★★★

**Cautious open seen for European bourses**European stock markets got off to a cautious start on  
Monday as investors shrugged off a positive finish on Wall  
Street and instead focused on the possible impact of  
Gerhard Schröder's victory in the German election. The  
Eurotop 100 index was down 0

★★★★

**Dax falls after Schröder's slim victory**By Dave Shellock in London Published: September 23 2002  
7

★★★

**Europe Markets: Bourses mostly firm but  
Dax slips - Dave Shellock**LONDON (FT.com) - European bourses were generally  
firmer in opening trade on Monday although the German  
market slipped back as investors pondered the  
ramifications of Gerhard Schröder's victory in the German





# Portal Designed by Users

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- ❖ **User-group created** and communicating
- ❖ **Successful collaboration** through practice
  - Produced other program materials
- ❖ **Needs identified** by reps at all echelons
- ❖ **User assessment** involved 100 Federal employees
- ❖ **Governing Team** of funding agencies directing design and content
- ❖ **Users selling** Portal to their management





# Governing Team Members (*FY 2003*)

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- ❖ National Park Service
- ❖ Federal Emergency Management Agency
- ❖ Environmental Protection Agency
- ❖ Dept. of Housing & Urban Development
- ❖ Farm Service Agency
- ❖ U.S. Forest Service
- ❖ Federal Highway Administration
- ❖ U.S. Department of Transportation
- ❖ Bureau of Immigration and Customs Enforcement (INS)
- ❖ Advisory Council on Historic Preservation





# Project Status

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- ❖ Domain Name acquired:  
[www.historicpreservation.gov](http://www.historicpreservation.gov)
- ❖ Governing Team testing completed prototype
- ❖ Completed:
  - Needs Assessment & User Centered Design Analysis
  - Security Plan and Technical Design (EA)
  - 508 Compliance Plan completed
- ❖ Need FY04 funds to build-out prototype
- ❖ If funded, Portal available to funding agencies by 2005.





# Project Costs FY01–FY06

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Autonomy (COTS) Software	\$475,000
Needs Assessment and User Analysis	90,000
Portal Demo	25,000
Prototype	50,000
Development	100,000
Maintenance	50,000
<b>TOTAL PROJECT COSTS</b>	<b>\$790,000</b>





# Project Funding FY01–FY06

TOTAL PROJECT COSTS		\$790,000
FY01-02	National Park Service	\$90,000
FY03	Pool – 9 agencies	105,000
FY04	Fee from special application	5,000
	Funding in hand	\$200,000

## *Additional Funding Requirements :*

FY04	Requests to agencies for funds	\$215,000
FY05		200,000
FY06		175,000
	Remaining funds to be raised	\$590,000







# Key Benefits

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## ❖ Cost Savings

- One HPL Portal for all agencies
- Share costs across Federal agencies
- Decrease time/cost of meeting Federal responsibilities
- Reduce training and travel time and costs

## ❖ Worker Productivity Enhanced

- Single access point for information in 500+ websites
- Targeted information to a variety of users
- Supports collaboration among agencies & disciplines

## ❖ Available to states, tribes, local government, and citizens







# Historic Preservation Learning Portal

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## Vision for 2007

- ❖ Used by more than 70 Federal agencies and over 200,000 employees to meet Federal laws
- ❖ Facilitating state, local, and tribal staff participation in the national historic preservation program
- ❖ Citizens locating information to carry out their public involvement in historic preservation
- ❖ Information available in Spanish, French, and Portuguese from other governments

